

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-8. (canceled)

9. (currently amended) An *in vitro* method of targeting a targeting vector into a mouse ES cell, comprising introducing into the cell a targeting vector comprising a ubiquitin promoter and homology arms directing the targeting vector to a specific chromosomal location.

10-14. (canceled)

15. (original) The method of claim 9, wherein the ubiquitin promoter is the ubiquitin C promoter.

16. (original) The method of claim 15, wherein the ubiquitin promoter is a human, mouse, rat, or bacterial ubiquitin promoter.

17. (currently amended) An *in vitro* method of directing a targeting vector to a specific chromosomal location within a genome of a mouse embryonic stem (ES) cell, comprising introducing into the cell a targeting vector, wherein the targeting vector comprises a drug resistance gene under control of a ubiquitin promoter and homology arms directing the targeting vector to a specific chromosomal location.

18. (previously presented) The method of claim 17, wherein the ubiquitin promoter is the ubiquitin C promoter.

19. (previously presented) The method of claim 18, wherein the ubiquitin promoter is a human, mouse, rat, or bacterial ubiquitin promoter.

20. (previously presented) The method of claim 17, wherein the drug resistance gene encodes one of neomycin phosphotransferase, hygromycin phosphotransferase, or puromycin acetyl transferase.

21. (previously presented) A targeting vector comprising a drug resistance gene under control of a ubiquitin promoter.

22. (previously presented) The targeting vector of claim 21, wherein the ubiquitin promoter is the ubiquitin C promoter.

23. (previously presented) The targeting vector of claim 22, wherein the ubiquitin promoter is a human, mouse, rat, or bacterial ubiquitin promoter.

24. (previously presented) The targeting vector of claim 21, wherein the drug resistance gene encodes one of neomycin phosphotransferase, hygromycin phosphotransferase, or puromycin acetyl transferase.